

**ELECTRICAL TECHNICAL ADVISORY COMMITTEE
CONCURRENT WITH
POOL TECHNICAL ADVISORY COMMITTEE
EMBASSY SUITES BY HILTON ORLANDO NORTH
225 SHORECREST DRIVE
ALTAMONTE SPRINGS, FLORIDA 32701
JUNE 11, 2018
8:00 A.M.**

Minutes

ELECTRICAL TAC PRESENT:

Kevin Flanagan, Chairman
Ken Castronovo
John Hall
David Rice
Clarence Tibbs

Neal Burdick
Shane Gerwig
Bryan Holland
Joseph Territo
Vince Della Croce

ELECTRICAL TAC NOT PRESENT:

Ron Van Wyk

STAFF PRESENT:

Mo Madani
Justin Vogel
Robert Benbow
Marlita Peters

Thomas Campbell
Chris Howell
Jim Hammers

MEETING FACILITATION:

The meeting was facilitated by Jeff Blair from the FCRC Consensus Center at Florida State University. Information at: <http://consensus.fsu.edu/>

Welcome:

Time: 8:00 a.m.

Mr. Blair welcomed everyone to the concurrent meeting of the Electrical Technical Advisory Committee and the Swimming Pool Technical Advisory Committee.

Roll Call:

Mr. Blair performed roll call for the Electrical TAC. A quorum was determined with 10 members present at roll call.

Agenda Approval:

Mr. Tibbs entered a motion to approve the agenda for today's meeting as posted. Mr. Rice seconded the motion. The motion passed unanimously with a vote of 10 to 0.

Review and Approval of April 24, 2018 meeting minutes:

Mr. Tibbs entered a motion to approve the minutes from the April 24, 2018 meeting as posted. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable:

Mr. Blair provided a brief overview of the Code review process for this meeting.

Mr. Vogel addressed the TACs with the legal information regarding this code review.

Mr. Madani provided an overview of the tracking and code charts for each TAC.

Public Comments:

Mr. Belcher, FHBA expressed his concerns that we follow the intent of the legislative mandate.

Commissioner Schock, BOAF, stated that the primary purpose is to have uniformity within enforcement of the code.

Jennifer Hatfield, FSPA, spoke in favor of the recommendations to support.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

NEC – RESIDENTIAL (SWIMMING POOL / ELECTRICAL TAC)

FR 4873

Mr. Holland entered a motion to recommend approval based on criteria A and F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SFR 4816

Mr. Holland entered a motion to recommend approval based on criteria A and F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SCR 43

Mr. Holland entered a motion to recommend approval based on criteria A and F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 4818

Mr. Holland entered a motion to recommend approval based on criteria A and F. Mr. Burdick seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 4856

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 4819

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Castronovo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 4858

Mr. Holland entered a motion to recommend approval based on criteria A and F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

FR 4862 and SCR 41

Mr. Holland entered a motion to recommend approval based on criteria A and F. Mr. Castronovo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 4821

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Castronovo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 4829

Mr. Holland entered a motion to recommend approval based on criteria A and F. Mr. Castronovo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR4865

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 4867

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 4825

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 4870

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

Review and accept final draft report for research project titled “Webinar Workshops on Evaluation of the Cost Impact of Prescriptive Code Changes.”

Commissioner Gerwig entered a motion to recommend approval of the final report titled “Webinar Workshops on Evaluation of the Cost Impact of Prescriptive Code Changes” not validating the content. Mr. Burdick seconded the motion. The motion passed unanimously with a vote of 10 to 0.

Review and accept final draft report for research project titled “Evaluation of the Cost Impact and Benefit of the 2018 I-Code Changes (Prescriptive Code Changes)”:

Commissioner Gerwig entered a motion to recommend approval of the final report titled “Evaluation of the Cost Impact and Benefit of the 2018 I-Code Changes (Prescriptive Code Changes)”, not validating the content. Mr. Burdick seconded the motion. The motion passed unanimously with a vote of 10 to 0.

End of concurrent meeting, 15 minute break.

Electrical TAC Meeting called back to order at 9:29 a.m.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

IBC – GENERAL (ELECTRICAL)

G117-15

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

G192-15 Part 1

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

G35-16

Mr. Holland entered a motion to recommend approval based on criteria A, B,C and F. Mr. Burdick seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

G36-16

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

G37-16

Mr. Holland entered a motion to recommend approval based on criteria E and F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

IFC/IBC – FIRE PREVENTION

F56-16

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

F57-17

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

F75-16

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

F79-16

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

NEC – RESIDENTIAL (ELECTRICAL TAC)

FR 1236 No Action

FR 15

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR1501

Mr. Holland entered a motion to recommend approval based on criteria E and F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 1502

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 1820

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 1828

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 2405

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Burdick seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 2406

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

FR 2407

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 2408

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 2417

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 2418

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 330

Mr. Holland entered a motion to recommend approval based on criteria A and F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 337

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 3371

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

FR 35

Mr. Holland entered a motion to recommend approval based on criteria A, B, C and F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 357 (210.18)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 357 (210.3)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 37

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 39

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 40

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 41

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

FR 4811

Mr. Holland entered a motion to recommend approval based on criteria A, E and F. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 4812

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 4822

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Rice seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 4833

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Burdick seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 4872

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Castronovo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 4876

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 601

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Rice seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

FR 602

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 607

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 608

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 609

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 611

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 619

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 628 No Action

FR 630 -725.179(A)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

FR 630-725.179(B)-(F) and (H)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

Global SR 916

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SCR 22

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

FR 43

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SCR 54

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 1217

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 14

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

SR 16

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 17

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 1802

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Rice seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 1807

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Rice seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 2401

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Rice seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 2402

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 2404

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

SR 2405

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 2701

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 306

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 307 - 210.52(A)(2)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 307 - 210.52(A)(4)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 308

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 309 – 210.52(C)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

SR 309 – 210.52(C)(1)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 309 – 210.52(C)(3)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 309 – 210.52(C)(5)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 310

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0

SR 316

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0

SR 317

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0

SR 320 No Action

SR 325

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

SR 326

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0

SR 4804

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0

SR 4805

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0

SRS 4806

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0

SR 5101

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0

SR 5102

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0

SR 5106 – 406.5(E)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 10 to 0

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

SR 5106 – 406.5(F)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0

SR 5106 – 406.5(G)

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0

SR 5110

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 603

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 612

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 615

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Hall seconded the motion. The motion passed unanimously with a vote of 10 to 0.

SR 905

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

To review the 2018 changes to the International Building Codes (I-Codes) and provide recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state, as applicable (cont.):

SR 910

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Territo seconded the motion. The motion passed unanimously with a vote of 10 to 0.

CHART: IRC - ELECTRICAL

RB 164-16

Mr. Holland entered a motion to recommend approval based on criteria A, E, and F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

RB 171-16

Mr. Holland entered a motion to recommend approval based on criteria A, E, and F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

CHART: IECC – COMMERCIAL - ELECTRICAL

CE 226-16 No Action

CHART: - IECC – ADMINISTRATIVE PROVISIONS

ADM 94-16

Mr. Holland entered a motion to recommend approval based on criteria F. Mr. Della Croce seconded the motion. The motion passed unanimously with a vote of 10 to 0.

Public Comment – None

There being no further business Chairman Flanagan asked for a motion to adjourn.

Commissioner Gerwig entered a motion to adjourn the meeting. Mr. Burdick seconded the motion. The motion passed unanimously with a vote of 10 to 0.

Adjournment: The meeting adjourned at 10:26 a.m.